BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Providing And Fixing Stone benches in Ward No.01, 02, 03 and 04 Est Cost: =200.00Lakh

Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
1 KSRRB 300-1. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. (P No143 of I.No.19.1 in PW,P&IWTD SR 2018-19)								
Earthwork for Benchas sitting benches portion levelling	Cum		450	2.50	1.50	0.30	506.25	
							506.25	211.79	107217.68
Basic rate	130.00							
Loading and unloading with 5km lead= 57+2.0x1.28x5 = 69.80	69.80							
Area Weightage 6%	11.99							
Total	211.79							
2 KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 (P.No155 of I.No.20.20 in PW,P&IWTD SR 2018-19)								
Earth Filling for Benchas sitting benches portion levelling	cum		450	2.50	1.50	0.25	421.88	
							421.88	221.54	93462.19
Basic rate	209.00							
Area Weightage 6%	12.54							
Total	221.54							
3 KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100 (P.No.222, I.No.27.18 of PW,P&IWTD S.R 2018-19)								
Bed Concrete for Benchas sitting benches portion levelling	Cum		450	2.50	1.50	0.10	168.75	
							168.75	5421.90	914945.63
Basic rate	5115.00							
Area Weightage 6%	306.90							
Total	5421.90							
4 Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM, curing complete as per specifications.Specification No. KBS 4.1, 4.2(P.No 255, I.No.34.11 of PW,P&IWTD S.R 2018-19)								
Platform Concrete sitting benches portion levelling	Cum		450	2.50	1.50	0.075	126.56	
							126.56	5599.98	708747.47
Basic rate	5283.00							
Area Weightage 6%	316.98							
Total	5599.98							
5 Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm. (P.No 112, I.No.14.61.2 of PW,P&IWTD S.R 2018-19)								
Flooring slab	Sqm		450	2.50	1.50	--	1687.50	

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	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
	Granite stone around Bench		450	8.00	0.30	--	1080.00		
	A.Basic rate	1979.00					2767.50	2097.74	5805495.45
	B.Area Weightage 6%	118.74							
	Total	2097.74							
	Executive bench made out of sadaralli grey stone with hand suport 3 line finishing with arch desiagn with 100cm slabs height 90% length 45cms (data approved rate)								
	Benches	No's	450				450.00		
	Approved Data Rate	18200.00					450.00	18200.00	8190000.00
	Supplying and Fixing of Garbage bins rectangular with permanent structure series without arch 100litre capacity approved by Engineer in charge								
	Garbage Bins	No's	156				156.00		
	Approved Data Rate	18450.00					156.00	18450.00	2878200.00

	Total Construction Cost	18698068.415
	12% GST on KPWD Items	915584.210
	Cost towards Preparation of DPR LS 1%	186981.00
	Cost towards PMC / Third Party inspection LS 1%	186981.00
	Sub Total	19987614.62
	Miscellaneous and rounding off	12385.38
	Total	20000000.00

rtificate.

1 The rates adopted based on the PWD SR, Bangalore circle for year 2018-19.
2 The provisions made in the estimate are necessary and essential.
3 The workspot was inspected and work is found to be necessary.
4 The area comes within the Bruhat Bangalore Mahanagara Palike limits.

Tejas Consultants

Assistant Engineer

Administrative Approval
Accorded For Rs. 200 lakhs
Head of A/C ... 13590
CER NO :... 85 ... Dt: 26/02/2021

E.E. (Project)

Assistant Executive Engineer

Technical Sanction
Accorded For Rs 200 lakhs
Head of A/C 13590
CER NO :... 73 ... Dt: 20.09.2019

[TA]

[CE YNK)

Executive Engineer

16/9/19

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